

03500.109224

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: Patrick J. Assouad
Hidekazu TAKAHASHI)	
	:	Group Art Unit: 2862
Application No.: 10/562,646)	
	:	Confirmation No. 8505
Filed: December 28, 2005)	
	:	
For: SOLID STATE IMAGE PICKUP FOR)	
AUTO-FOCUS AND AUTO-FOCUS	:	July 5, 2007
CAMERA USING THE SAME)	

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FIFTH INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents, other than U.S. patent documents, are also enclosed.

REMARKS

The following documents were cited in a Japanese Official Action in a counterpart foreign application corresponding to the above-referenced application:

- (1) JP-A 10-104503;
- (2) JP-A 59-105606;
- (3) JP-A 61-028913;
- (4) JP-A 06-018779;

- (5) JP-A 11-211467;
- (6) JP-A 11-281877;
- (7) JP-A 03-164709;
- (8) JP-A 2004-020742;
- (9) JP-A 2001-337264;
- (10) JP-A 2003-107340; and
- (11) JP-A 2001-100258.

English language Abstracts for the JP-A documents were obtained from a commercial database, and are also enclosed, along with English-language translations of Documents (2)-(5) provided by Applicant. Applicant submits that US 6,577,344 and US 2002/0003582 are in the family of document (1), US 6,768,867 and US 2004/0042780 are in the family of document (8), US 6,625,397 and US 2002/0003958 are in the family of document (9), US 6,973,265, US 7,164,447, US 2003/0059216, and US 2003/0160887 are in the family of document (10), and US 6,549,730 is in the family of document (11).

FORMAL MATTERS

No fee is believed due; however, any fee required in connection with this paper should be charged to Deposit Account No. 06-1205.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted To PTO: July 5, 2007				ATTY DOCKET NO. 03500.109224		APPLICATION NO. 10/562,646	
				APPLICANT Hidekazu TAKAHASHI			
				FILING DATE December 28, 2005		GROUP 2862	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,549,730 B1	04/15/2003	Hamada	396	111	
		6,577,344 B2	06/10/2003	Kadohara, et al.	348	350	
		6,625,397 B2	09/23/2003	Nagata	396	106	
		6,768,867 B2	07/27/2004	Kindaichi, et al.	396	100	
		6,973,265 B2	12/06/2005	Takahashi	396	121	

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO OR ABSTRACT
		3-164709	07/16/1991	Japan			Abstract
		6-18779	01/28/1994	Japan			Yes & Abstract
		10-104503	04/24/1998	Japan			Abstract
		11-211467	08/06/1999	Japan			Yes & Abstract
		11-281877	10/15/1999	Japan			Abstract
		59-105606	06/19/1984	Japan			Yes & Abstract
		61-28913	02/08/1986	Japan			Yes & Abstract
		2001-100258	04/13/2001	Japan			Abstract
		2001-337264	12/07/2001	Japan			Abstract
		2003-107340	04/09/2003	Japan			Abstract
		2004-20742	01/22/2004	Japan			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		7,164,447 B2	01/16/2007	Takahashi	348	350	
		2002/0003958 A1	01/10/2002	Nagata	396	106	
		2003/0059216 A1	03/27/2003	Takahashi	396	121	
		2003/0160887 A1	08/28/2003	Takahashi	348	350	
		2004/0042780 A1	03/04/2004	Kindaichi, et al.	396	112	

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER	DATE CONSIDERED
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